

RAW SEQUENCE LISTING

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Application Serial Number: 10/009,876
Source: IFW16
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IFW16

RAW SEQUENCE LISTING

DATE: 08/29/2005

PATENT APPLICATION: US/10/009,876

TIME: 15:31:17

Input Set : A:\92750-65.txt

Output Set: N:\CRF4\08292005\J009876.raw

3 <110> APPLICANT: Visser, Richard Gerardus F.
 4 Vincken, Jean-Paul
 6 <120> TITLE OF INVENTION: EXPRESSION IN PLANTS OF STARCH BINDING DOMAINS AND/OR OF
 PROTEIN
 7 FUSIONS CONTAINING STARCH BINDING DOMAINS
 9 <130> FILE REFERENCE: 92750/65
 11 <140> CURRENT APPLICATION NUMBER: US 10/009,876
 12 <141> CURRENT FILING DATE: 2002-05-06
 14 <150> PRIOR APPLICATION NUMBER: PCT/NL00/00406
 15 <151> PRIOR FILING DATE: 2000-06-13
 17 <160> NUMBER OF SEQ ID NOS: 5
 19 <170> SOFTWARE: PatentIn version 3.3
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 104
 23 <212> TYPE: PRT
 24 <213> ORGANISM: B. circulans
 26 <400> SEQUENCE: 1
 28 Ser Gly Asp Gln Val Ser Val Arg Phe Val Val Asn Asn Ala Thr Thr
 29 1 5 10 15
 32 Ala Leu Gly Gln Asn Val Tyr Leu Thr Gly Ser Val Ser Glu Leu Gly
 33 20 25 30
 36 Asn Trp Asp Pro Ala Lys Ala Ile Gly Pro Met Tyr Asn Gln Val Val
 37 35 40 45
 40 Tyr Gln Tyr Pro Asn Trp Tyr Tyr Asp Val Ser Val Pro Ala Gly Lys
 41 50 55 60
 44 Thr Ile Glu Phe Lys Phe Leu Lys Lys Gln Gly Ser Thr Val Thr Trp
 45 65 70 75 80
 48 Glu Gly Gly Ser Asn His Thr Phe Thr Ala Pro Ser Ser Gly Thr Ala
 49 85 90 95
 52 Thr Ile Asn Val Asn Trp Gln Pro
 53 100
 56 <210> SEQ ID NO: 2
 57 <211> LENGTH: 108
 58 <212> TYPE: PRT
 59 <213> ORGANISM: A. niger
 61 <400> SEQUENCE: 2
 63 Cys Thr Thr Pro Thr Ala Val Ala Val Thr Phe Asp Leu Thr Ala Thr
 64 1 5 10 15
 67 Thr Thr Tyr Gly Glu Asn Ile Tyr Leu Val Gly Ser Ile Ser Gln Leu
 68 20 25 30
 71 Gly Asp Trp Glu Thr Ser Asp Gly Ile Ala Leu Ser Ala Asp Lys Tyr
 72 35 40 45
 75 Thr Ser Ser Asp Pro Leu Trp Tyr Val Thr Val Thr Leu Pro Ala Gly
 76 50 55 60

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79 Glu Ser Phe Glu Tyr Lys Phe Ile Arg Ile Glu Ser Asp Asp Ser Val
80 65              70              75              80
83 Glu Trp Glu Ser Asp Pro Asn Arg Glu Tyr Thr Val Pro Gln Ala Cys
84              85              90              95
87 Gly Thr Ser Thr Ala Thr Val Thr Asp Thr Trp Arg
88      100              105
91 <210> SEQ ID NO: 3
92 <211> LENGTH: 104
93 <212> TYPE: PRT
94 <213> ORGANISM: T. thermosulfurigenes
96 <400> SEQUENCE: 3
98 Thr Gly Asn Gln Ile Cys Val Arg Phe Val Val Asn Asn Ala Ser Thr
99 1              5              10              15
102 Val Tyr Gly Glu Asn Val Tyr Leu Thr Gly Asn Val Ala Glu Leu Gly
103      20              25              30
106 Asn Trp Asp Thr Ser Lys Ala Ile Gly Pro Met Phe Asn Gln Val Val
107      35              40              45
110 Tyr Gln Tyr Pro Thr Trp Tyr Tyr Asp Val Ser Val Pro Ala Gly Thr
111      50              55              60
114 Thr Ile Gln Phe Lys Phe Ile Lys Lys Asn Gly Asn Thr Ile Thr Trp
115 65              70              75              80
118 Glu Gly Gly Ser Asn His Thr Tyr Thr Val Pro Ser Ser Ser Thr Gly
119      85              90              95
122 Thr Val Ile Val Asn Trp Gln Gln
123      100
126 <210> SEQ ID NO: 4
127 <211> LENGTH: 105
128 <212> TYPE: PRT
129 <213> ORGANISM: B. stearothermophilus
131 <400> SEQUENCE: 4
133 Thr Asn Asp Gln Val Ser Val Arg Phe Val Val Asn Asn Ala Thr Thr
134 1              5              10              15
137 Asn Leu Gly Gln Asn Ile Tyr Ile Val Gly Asn Val Tyr Glu Leu Gly
138      20              25              30
141 Asn Trp Asp Thr Ser Lys Ala Ile Gly Pro Met Phe Asn Gln Val Val
142      35              40              45
145 Tyr Ser Tyr Pro Thr Trp Tyr Ile Asp Val Ser Val Pro Glu Gly Lys
146      50              55              60
149 Thr Ile Glu Phe Lys Phe Ile Lys Lys Asp Ser Gln Gly Asn Val Thr
150 65              70              75              80
153 Trp Glu Ser Gly Ser Asn His Val Tyr Thr Thr Pro Thr Asn Thr Thr
154      85              90              95
157 Gly Lys Ile Ile Val Asp Trp Gln Asn
158      100              105
161 <210> SEQ ID NO: 5
162 <211> LENGTH: 24
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:

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167 <223> OTHER INFORMATION: PT-rich linker peptide

169 <400> SEQUENCE: 5

171 Arg Ser Pro Thr Pro Thr Pro Thr Thr Pro Thr Pro Thr Pro Thr Thr

172 1 5 10 15

175 Pro Thr Pro Thr Pro Ser Thr Glu

176 20

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/009,876**

DATE: 08/29/2005

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Input Set : **A:\92750-65.txt**

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